

ABSTRACT

5 The present invention relates to a heat-sealable film which consists
essentially of a cycloolefin copolymer (COC), the glass transition temperature
(T_g) of the COC being within the range from 30 to 55°C. The film or sheet has
excellent low temperature heat-sealing properties and processing characteristics.
The film may be free standing or laminated to other thermoplastic polymer film or
10 films at low temperatures. Alternatively, a COC polymer with T_g in the range 30
to 55°C may be coextruded with other thermoplastic polymer or polymer films in
a coextrusion process to form a heat sealable film. The film of the invention is
suitable for packing foods or other consumable items.